


1. THIS IS ULTRA HIGH WELDMENT ASSEMBLY (UHV).
2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE, SULPHUR-BASED CUTTING FLUIDS AND ABRASIVES IS PROHIBITED. USE TRIM SOL OR APPROVED EQUAL LUBRICANT.
3. CERTIFICATION OF ULTRASONIC TEST AND VACUUM EXAMINATION SHALL BE SIGNED BY A CONTRACTOR REPRESENTATIVE TO SIGN SUCH CERTIFICATION.
4. ALL DIMENSIONS IN [] ARE MILLIMETERS AND ARE REFERENCE ONLY.

2		BONNET	COPPER OFHC	1
1		RING	SS 304	1
ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY

UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR X - .015 [381] - .25 XX - .010 [254] XXX - .005 [127]		LOG NUMBER A1791601		PARTS LIST  ARGONNE NATIONAL LABORATORY		THIS DRAWING IS THE PROPERTY OF	
SURFACE ROUGHNESS 125 ✓ REMOVE ALL BURRS AND BREAK SHARP EDGES. 03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		DRAWN BY E. GALINOVSKAYA (279)289 3/94 CHECKED BY V. TCHESKIDOV 3/94 DESIGNER E. GALINOVSKAYA (279)289 3/94 RESPONSIBLE ENGINEER V. TCHESKIDOV 3/94		DATE CHIEF DESIGN ENGINEER D. SHU GP LEADER T. M. KUZAY PROJECT MGR APPROVED/RELEASED		TITLE ADVANCED PHOTON SOURCE L3 BENDING MAGNET WHITE BEAM HORIZONTAL AND VERTICAL SLITS	
DO NOT SCALE F. DRAWING.		MATERIAL SEE B.O.M.		SCALE 1:1 SHEET 1 of 1		SIZE C DRAWING NUMBER P4105091503-200101-01	

TITLE ADVANCED PHOTON SOURCE
L3 BENDING MAGNET WHITE BEAM
HORIZONTAL AND VERTICAL SLITS A

BONNET ASSEMBLY

DRAWING NUMBER
P4105091503-200101-01